



# CNC 直刀研磨機

## CNC Straight Knife Grinding Machine

**CVS-1500**  
**CVS-2500**  
**CVS-3500**

適用於工業機床製造、印刷、塑膠及木工業的合金切削刀具及直刀研磨。

可替換式 SDC 砂輪，適用於硬合金鋼、刀片角度及主要間隙面。開小刃口及高速鋼刀拋光。

Suitable for alloy cutting knives and straight knives grinding in the industrial machine tool manufacturing, printing, plastics and wood industry.

Replaceable SDC grinding wheels for hard alloy steel, blade angle, and main clearance surface. Small edge honing and polishing of high-speed steel knives.



● 研磨產品範例 Grinding Samples

### PLC控制系統

#### PLC Control System

- 觸控螢幕、PLC、伺服馬達均採用日製三菱電機控制架構，提供您可靠的品質。

The touchscreen, PLC, and servo motor are all manufactured by Mitsubishi Electric, ensuring a reliable control structure with top-quality performance.

- 操控畫面採用圖形顯示，操作方便。

The control screen features a graphical interface, making it easy to operate.

- 只要進行選擇即可輕鬆完成研磨設定。

As long as to simply select an option, it will be easily set up the grinding process.



● 砂輪角度調整系統 Grinding Wheel Angle Adjustment System

### Features / 特徵



X軸移動使用直線滑軌磨頭移動更加穩定和精確

Utilizes linear guide for X-axis movement. Spindle movement is more stable and precise.

CNC控制砂輪自動進刀  
全新程式設計可粗加工、精加工、無火花研磨  
CNC-controlled automatic feed for the grinding wheel  
Newly programmed for roughing, finishing, and non-sparking grinding.

- 自動旋轉電磁工作台  
Automatic rotating electromagnetic table

### Specifications / 規格表

Item / 項目	CVS-1500	CVS-2500	CVS-3500
Grinding Length 研磨長度	1500 mm	2500 mm	3500 mm
Grinding Width 研磨寬度	300 mm	300 mm	300 mm
Grinding Precision 研磨精度	0.005 mm	0.005 mm	0.005 mm
Grinding Speed 研磨速度(m/min)	3~30 m/min	3~30 m/min	3~30 m/min
Straight knife with adjustable angle 直刀可調角度	-90 ~ +90	-90 ~ +90	-90 ~ +90
Grinding Wheel Diameter 砂輪外徑	Ø255	Ø255	Ø255
Grinding Wheel Motor 砂輪馬達	10 HP	10 HP	15 HP
Paper Tape Filter motor 紙帶過濾機馬達	1/4 HP	1/4 HP	1/4 HP
Grinding Wheel Speed (50HZ/60HZ) 砂輪轉速	1500 / 1800 rpm	1500 / 1800 rpm	1500 / 1800 rpm
C-Axis Motor	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達
X-Axis Motor	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達
Z-Axis Motor	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達	AC SERVO MOTOR 伺服馬達
Power Require 使用總電力	13 KVA	17 KVA	17 KVA
Net Weight / Gross Weight 淨重/毛重	2358kg / 2695kg	3010kg / 3430kg	3660kg / 4150kg
Packaging Size 裝箱尺寸	388*130*250cm	483*130*250cm	588*130*250cm

### Standard Accessories / 標準配備

Work Light 工作燈	1 pc個
Grinding Wheel Flanges 砂輪連接盤	1 pc個
Tool Box 工具箱	1 set套
Operating Manual 說明書	1 copy份
Vertical Axis Flat Grinding Wheel 立軸式平面砂輪 Ø255	1 pc片

### Optional Accessories / 選購配件

Filter Bag 過濾紙	Vertical Axis Flat Grinding Wheel 立軸式平面砂輪	Paper Tape Filter 紙帶過濾器

◆ All designs, spec. and characteristics shown above are subject to any change without prior notice.  
因設計或製造上的需要，如有變更恕不另行通知。